

FIG. 1

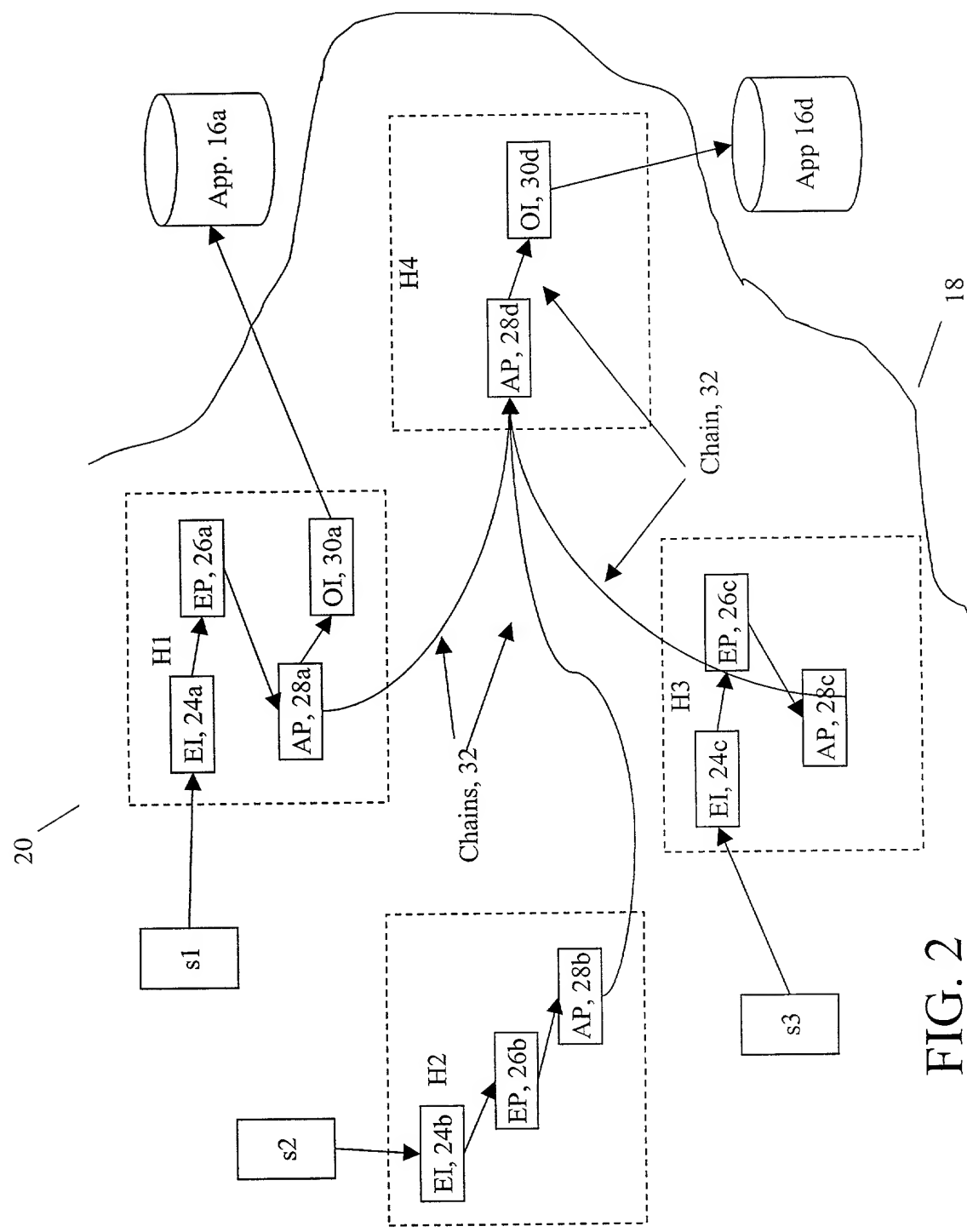


FIG. 2

FIG. 3

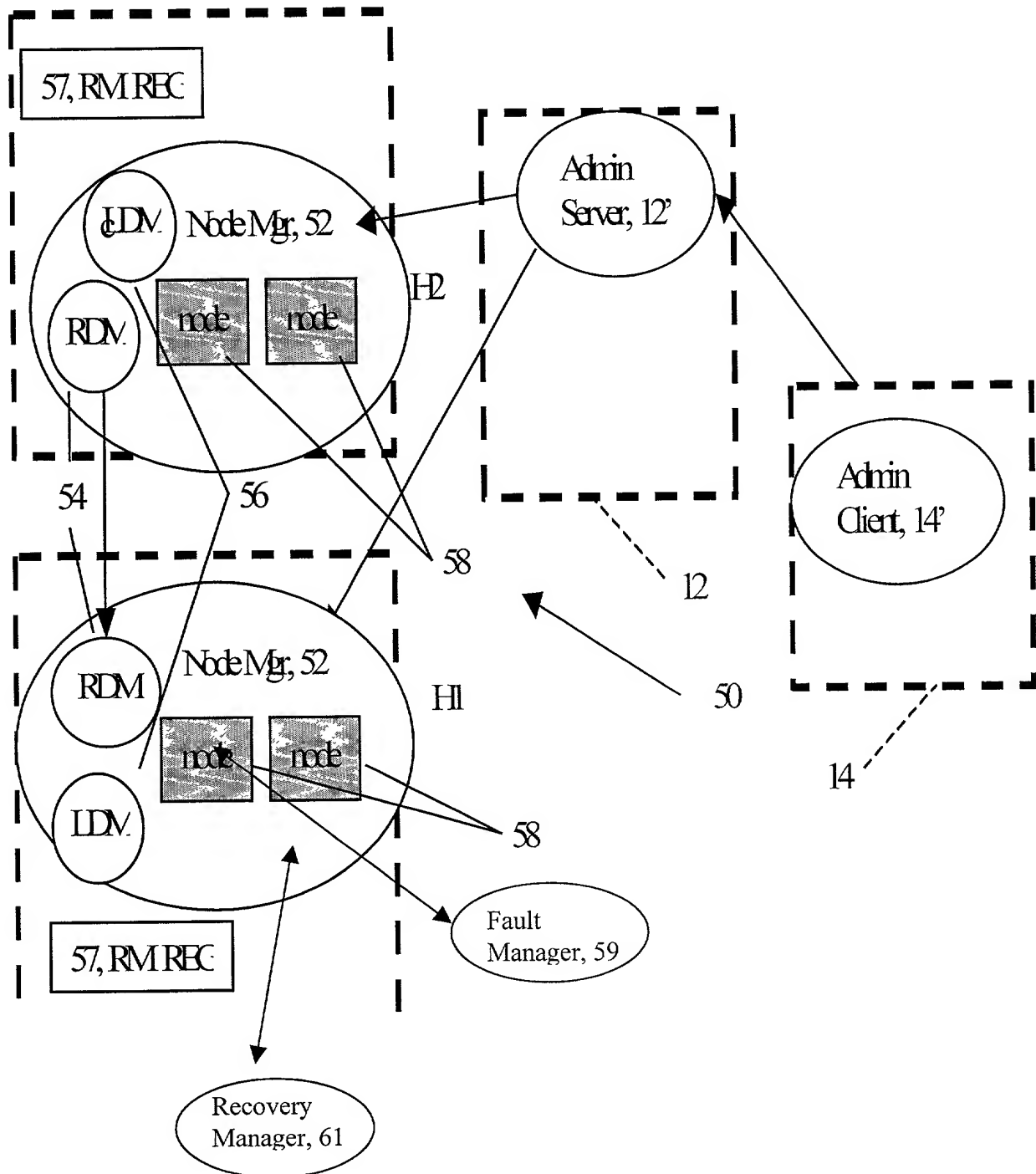
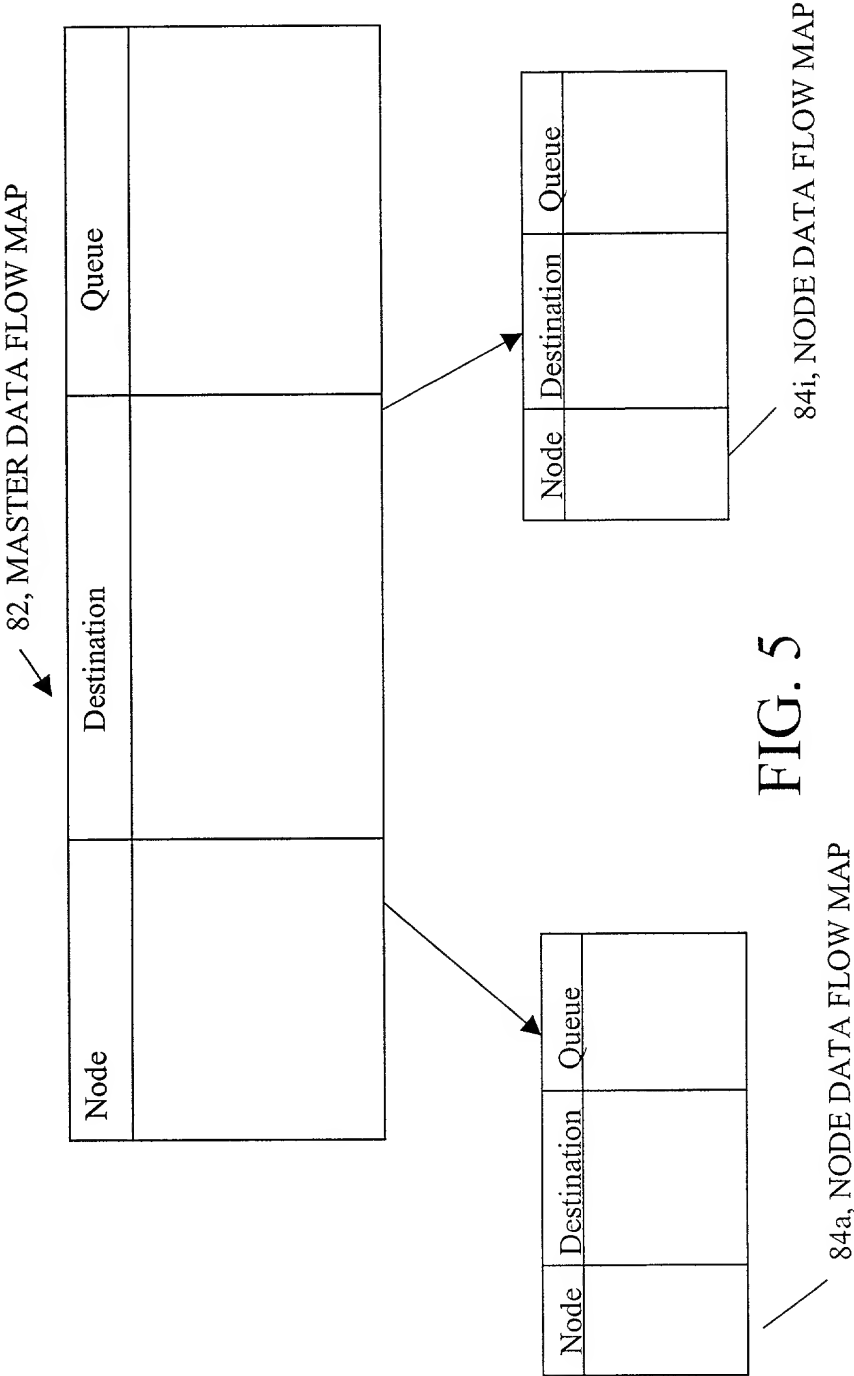


FIG. 4

| | | |
|---|--------------|-----------------------------------|
| / | /input/24b | The input queues are where nodes |
| | /26b | look for files to process |
| | /28b | |
| | /28d | |
| / | /output/24b | The output queues are where nodes |
| | /26b | write their post-processed files |
| | /28b | |
| / | /scratch/24b | The scratch queues is used by the |
| | /25b | node to persist data |
| | /28b | |

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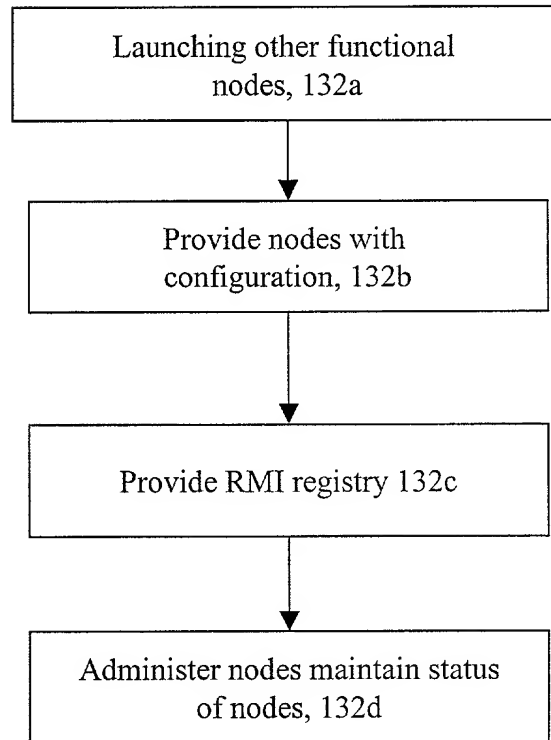
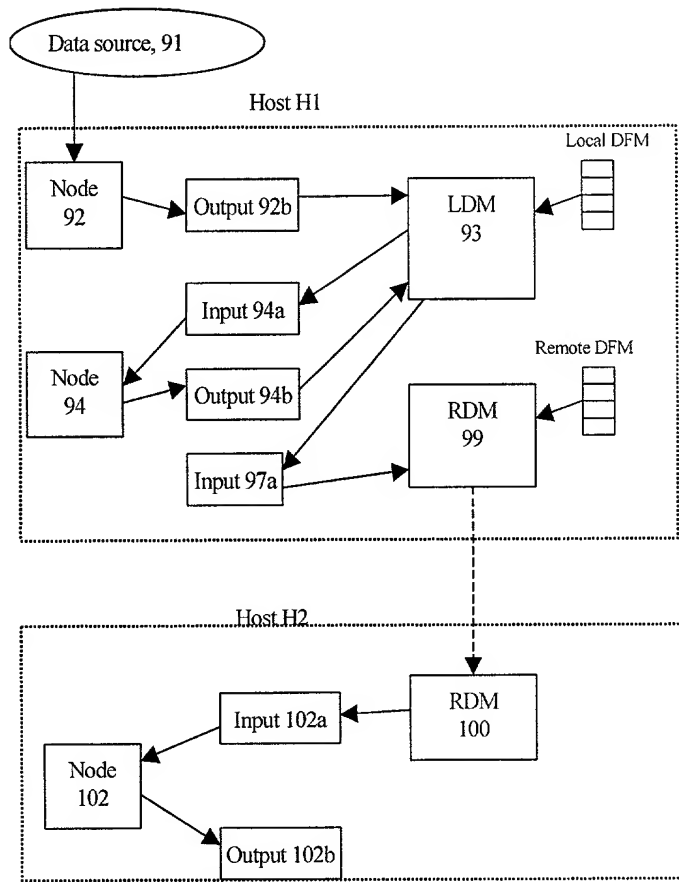


FIG. 6

FIG. 7



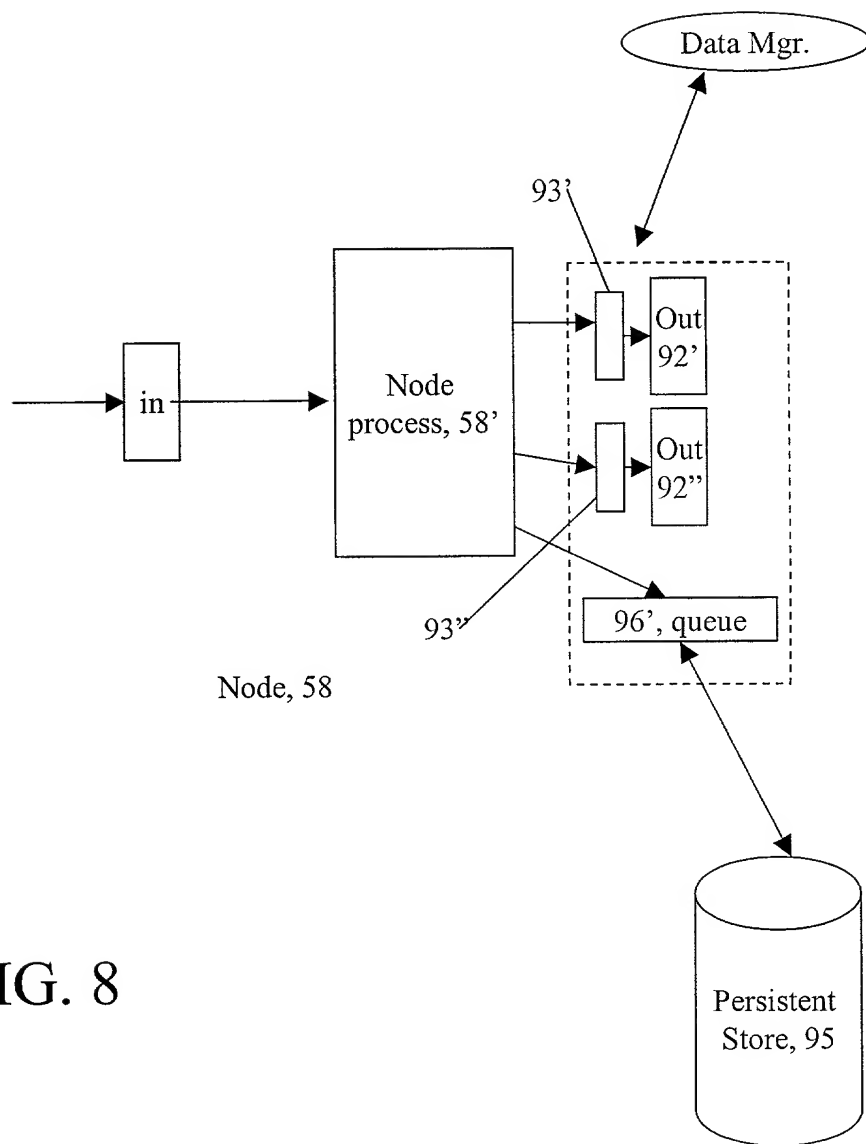


FIG. 8

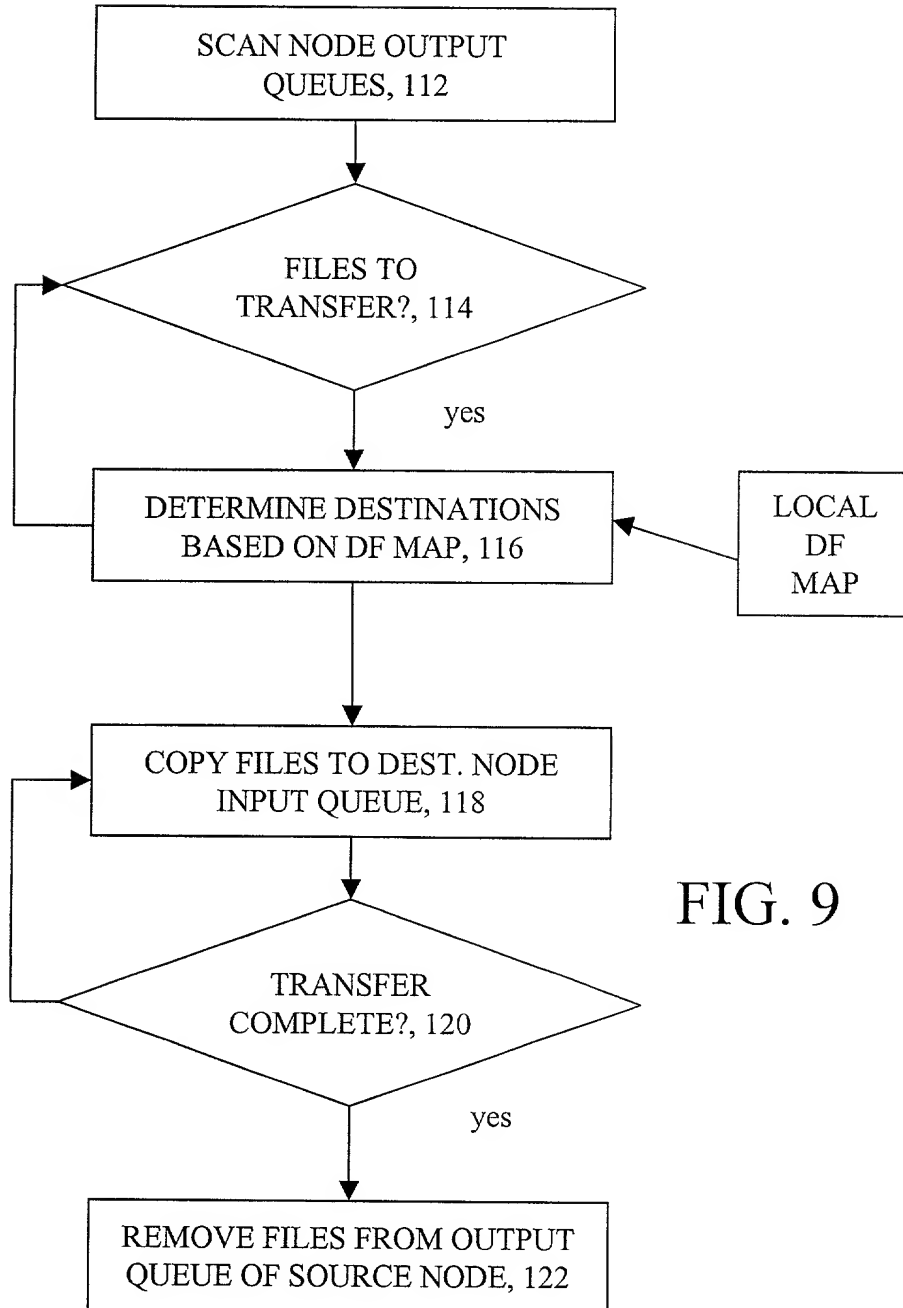


FIG. 9

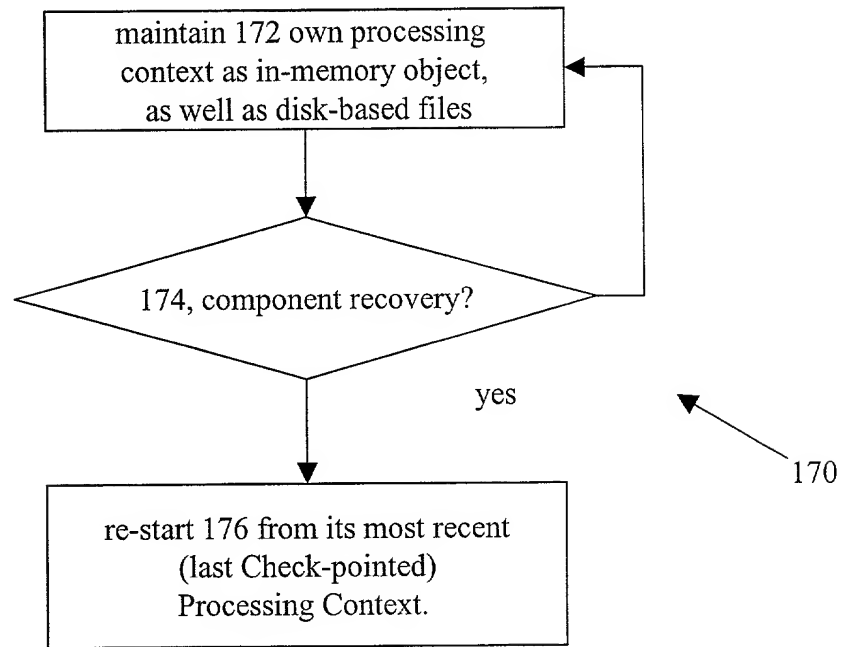


FIG. 10

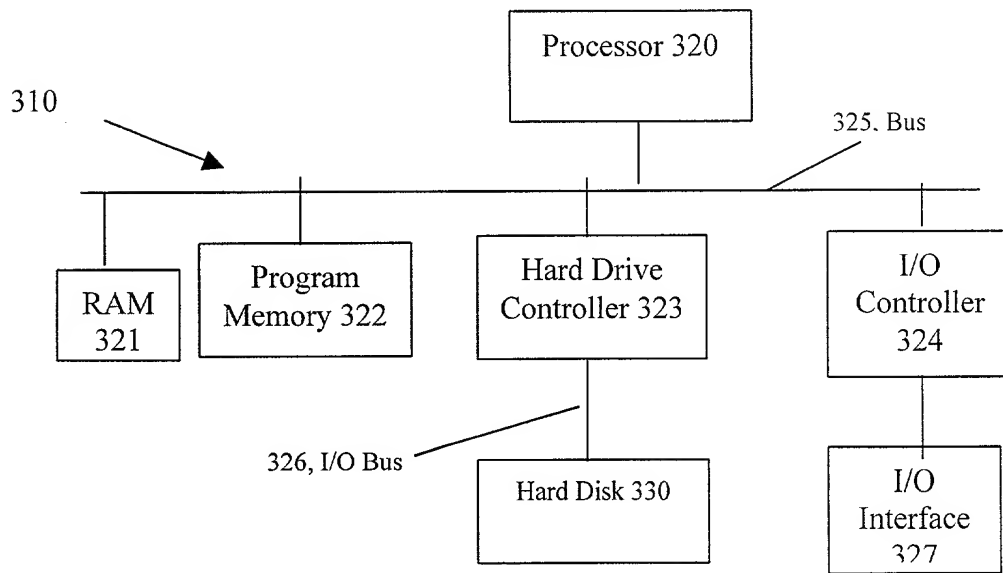


FIG. 11